

HOLMES & NARVER, INC.  
Engineers - Constructors

-Revised in accordance  
with TWX, DTG M2221192,  
from Neas to Hardison  
and Coe.

TO: A. C. Jones

JOB: 942

FROM: J. S. Coe  
*JSC*

RE: Reconnaissance Survey and Conference  
at Rongelap Atoll.

DATE: 18 Jul 1956 408005

At 1615 hours, 9 July 1956, the following named personnel departed Parry Island via LST-618 for Rongelap Atoll, arriving at 0130 hours, 11 July 1956.

Axtell, Fred A.	Chief of Party
Bumgarner, Leonard A.	Instrumentman
Chavez, Leo L.	Chairman
Coe, Joseph S.	Engineer (In charge of party)
Davis, Gwlym W. Jr.	Chairman
Edelman, George A.	Photographer
Frowiss, Frank J.	Chairman
Johnson, Walter H.	Ass't Engineer
Lara, Gary B.	Instrumentman
Oakes, Leonidas H.	Chief of Party
Sanford, Stanley E.	Chairman
Simpson, Clarence A.	Chairman
Henderson, Raymond K.	Oper. Amph. Truck
Matz, George J.	Oper. Amph. Truck
Perry, Jephtha H.	Rad-Safe Electronic Tech.

FOLDER Survey: Project  
Engineering File

REPOSITORY Nevada Operations Office  
COLLECTION 326 67 A 1016  
BOX No. 223138 or ?

The purpose of the trip was to confer with a group of the Rongelap people and establish the proposed buildings in the correct location, and also to tie all proposed buildings to base lines to furnish all information necessary to draw up plot plans of the three village areas on Aneatok, Rongelap, and Jabwaan Islands.

At 1330 hours, 11 July 1956, the seaplane arrived with the following personnel:

Byron Bender	Rongelap Liaison Officer
John	(Magistrate)
Hainrig	(Scribe)
Jitong	(Dentist)
Jabwe	(Health Aide)
Jibelik	(Council Member)

The writer took the entire party ashore at Aneatok and all building requirements as set forth later in this report were staked out and tied into the base line. Party returned to ship at 1830 hours.

Later that evening the LST steamed north and anchored out from Mellu and Gabelle Islands. At 0630 hours on 12 July 1956 the party went ashore on Gabelle Island and located a cistern, which is required for working parties. Shallow water for 1500 to 2000 feet out from this island will make it necessary to use a DUKW equipped with a mono rail for the proposed cistern construction.

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At 0830 hours the party returned to the LST and the ship steamed south to Rongelap Island and anchored at 1100 hours. The entire party went ashore and staked all building locations required in that area. The party returned to the ship at 1815 hours.

A heavy early morning rain delayed operations until 0900 hours, 13 July 1956. At 0900 hours the party divided, one group completing all necessary survey work in Rongelap village, the other party together with the Marshallese proceeded to Jabwaan and staked out all building locations required in that area. Further soundings were taken in the beaching area adjacent to the main village.

During the time spent ashore the parties were plagued with a very large number of flies, mosquitos and other insects. An insect control program will undoubtedly have to be set up to take place when construction starts and to give the Rongelap inhabitants an opportunity to maintain insect control when they are left to their own devices.

After completing all field work and conferences with the Rongelap people on their requirements, they departed Rongelap by seaplane for Majuro at 1055 hours, 14 July 1956.

Their representative, Mr. Bender, assured me that the Rongelap people were satisfied with the preliminary plans for their villages. He stated that some 25 of the Rongelap people will be available to work during the construction period. This group will include some members of the council who will be available for consultation, particularly on clearing areas, road locations, and tree thinning in the various cocconut groves.

At 1125 hours, 14 July 1956, the LST departed Rongelap Atoll for Parry Island, arriving at 1500 hours, 15 July 1956.

Following is a break-down of the various building requirements by islands:

HOME BUILDING REQUIREMENTS FOR RONGELAP ISLAND

Wato	Dwellings			Cisterns		Toilet	Bath House	Eating House	Cook House	Chicken Coop	Boat House
	*IQ-A	IQ-B	IQ-C	Exist E.C.	New N.C.						
Baloj	1	0	0	0	1	1	1	1	1	1	
Mwinbwar	1	0	0	0	1	1	1	1	1	1	
Mwonlual	0	1	1	1	1	1	2	1	1	2	
Lijeerbit	0	1	1	1	0	2	2	2	2	2	1
Mwonukook	0	2	1	1	0	1	2	1	1	2	
Maren	3	0	0	1	0	3	2	1	1	1	
Jabwinaen	0	1	0	1	0	1	1	1	1	1	
Mwonanlok	0	2	0	0	0	0	1	0	0	1	
Bwatwi	0	1	0	1	0	1	1	1	1	1	
Jabwonetao	1	3	1	1	0	1	3	2	2	3	
Mwonbako	0	1	0	1	0	1	1	1	1	1	
Jabwkon	0	1	0	0	0	1	1	1	1	1	
Total	6	13	4	8	3	14	18	13	13	17	1

\*Note- Sizes of the three types of houses are, Type A - 16'x16'; Type B - 16'x24'; Type C - 16'x32'

COMMUNITY BUILDING REQUIREMENTS - RONGELAP ISLAND

Maren	2	Warehouses	20' x 48'
	1	Council House	20' x 48'
	1	School House	20' x 48'
	1	Dispensary	20' x 48'
	1	Flag Pole	60' high
Bwatwi	1	Church	24' x 52'
Mwonlual	1	Recreation Area	250' x 250'

HOME BUILDING REQUIREMENTS FOR JABWAAN ISLAND

Wato	Dwellings			Cisterns		Toilet	Bath House	Eating House	Cook House	Chicken	
	LQ-A	LQ-B	LQ-C	Exist E.C.	New N.C.					Coop	Chapel
MaaJ	0	1	0	0	1	1	1	1	1	1	
Monkijidiken	0	1	0	0	0	0	0	0	0	0	
Mweenlab	0	0	1	1	1	1	1	1	1	1	
Total	0	2	1	1	2	2	2	2	2	2	

HOME BUILDING REQUIREMENTS FOR ANEAETOK ISLAND

Majalto	0	1	1	1	1	1	1	1	1	1	
Jibwinmen	0	0	1		1	1	1	0	0	0	1
Lifaro	0	0	1		1	1	1	1	1	1	
Bwinlik	0	1	0	1		1	1	1	1	1	
Elenak	0	0	1	1		1	1	1	1	1	
Mijjien	0	1	0		1	1	1	1	1	1	
Badol	0	1	0		1	1	1	1	1	1	
Total	0	4	4	3	5	7	7	6	6	6	1

MISCELLANEOUS BUILDING REQUIREMENTS

Build one (1) 4'x4' - 4' deep cistern on each of the following islands:

RONGELAP ATOLL

Tufa or Karoka Island  
Naen or Jokdik Island  
Kabelle or Namwen Island  
Kieshiechi or Kiejej Island  
Gabelle or Kabale Island  
Busch or Lukottoka Island

AELINGINAE ATOLL

Enibuk or Anebwok Island

Furnish materials for four (4) LQ-A type dwellings two (2) each to be delivered to the following islands:

Enibuk or Anebwok Island - Aelinganae Atoll  
Rongerik Island - Rongerik Atoll

Furnish two (2) Jackson concrete carts with steel wheels as shown on Page 450, Ducommun Metals and Supply Company, Catalog R No. 8-14, to haul sacks of copra along the roads to the warehouses from the groves.

SITE CLEARINGS AND ROADS

Clear for 10' around all buildings. Build one (1) road running the length of Rongelap and Jabwaan. Build connecting roads from main road to ocean side of island on the following Watos:

- |              |                |
|--------------|----------------|
| 1. Mwonlual  | 6. Jobwanetao  |
| 2. Lijeerbit | 7. Jabwkon     |
| 3. Mwonukook | 8. MaaJ        |
| 4. Maren     | 9. Monkjidiken |
| 5. Bwatwi    | 10. Mweenlab   |

Build one (1) road running the length of Aneaetok Island.

Build connecting roads from the main road to the ocean on the following Watos:

- |            |            |
|------------|------------|
| 1. Majalto | 3. Elenak  |
| 2. Bwinlik | 4. Mijjien |

Clear designated areas in the coconut groves for the purpose of thinning out the trees. Clear certain areas for tree nurseries. The following work will be accomplished under the direction and guidance of a Dr. Pieris, of Ceylon, an agricultural expert, who will be at Rongelap during the construction period.

Following is a list of photographs pertaining to this mission:

- |         |         |   |
|---------|---------|---|
| 7-11-56 | W-518-7 | Palms and Undergrowth, Range #10 - Aneaetok               |
|         | -8      | Palms and Undergrowth, Range #10                          |
|         | -9      | Palms and Undergrowth, Range #5                           |
|         | -10     | Palms and Undergrowth, Range #4                           |
|         | -11     | Looking to South tip from Range #4                        |
|         | -12     | Looking to North tip from Range #4                        |
|         | W-519-1 | Palms and Undergrowth, Range #4                           |
|         | -2      | Plane arriving from Majuro with Marshallese               |
|         | -3      | Plane landing from Majuro with Marshallese                |
|         | -4      | LCU landing Range #7, clear for landing                   |
|         | -5      | H&N DUKW bringing Marshallese from plane to LST           |
|         | -6      | Existing structure - with Marshallese                     |
|         | -7      | Cistern - Majalto Wato - Aneaetok Island.                 |
|         | -8      | Residence - Jib Win Men - Wato                            |
|         | -9      | Residence - Jib Win Men - Wato                            |
|         | -10     | Area for new Chapel - Jib Win Men - Wato                  |
|         | -11     | Magistrate (John Anjain) with Marshallese, Bwinlik - Wato |
|         | -12     | Existing Cistern - Bwinlik - Wato                         |
|         | W-548-1 | Elenak - Existing cistern                                 |
|         | -2      | Marshallese, Approach (Aneaetok)                          |
|         | -3      | Resident - Rongelap Island                                |
|         | -4      | Resident - Rongelap Island                                |
|         | -5      | DUKWs used by H&N for both landing and water travel       |
|         | -6      | White disc marker.  |
|         | -7      | Resident and Outrigger - Rongelap                         |
|         | -8      | Resident and Outrigger - Rongelap                         |

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- W-548-9 Magistrate of Jabwaan Island - Rongelap
- 10 Magistrate of Jabwaan Island, Rongelap
- 11 Magistrate of Jabwaan Island - Rongelap
- 12 Resident Mweenlab - Wato
- W-549-1 Cistern, Mweenlab - Wato
- 2 Resident - MaaJ Wato
- 3 Westerly tip of Jabwaan Island
- 4 Survey group running line at end of Jabwaan Is.  
(6 ft. elev. contour line)
- 5 East portion of Rongelap from Jabwaan Island
- 6 Westerly tip of Rongelap Island
- 7 (Blank Film)
- 8 LST 7/10 mile off shore from Rongelap
- 9 Rongelap 7/10 mile to LST

7-14-56

- 10 Survey Group
- 11 Survey group and Mr. Byron Bender, Marshallese  
Liason Officer.
- 12 Marshallese, before leaving for Majuro Island.
- W-550-1 Arrival of plane from Kwajalein to pick up Marshallese  
to return them to Majuro Island.
- 2 thru -6 - Pictures of DUKW and Plane.
- 7 Plane departing for Majuro with Marshallese.

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